

Amendments to the Claims

Please cancel Claims 34, 45, 48, 49, 53 and 54 without prejudice or disclaimer of the subject matter recited therein.

Please amend Claims 35-40, 42, 44, 46, 47, 50-52 and 55-58, and add new Claims 60-68 to read as follows.

Claims 1-34 (Cancelled).

35. (Currently Amended) An image processing apparatus ~~according to Claim 34, comprising:~~

an image capture unit adapted to capture an image;

a resizing unit adapted to resize the captured image and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and

a second conversion unit adapted to convert the RGB image output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

36. (Currently Amended) An image processing apparatus ~~according to Claim 34,~~ comprising:

an image capture unit adapted to capture an image;
a resizing unit adapted to resize the captured image and output a resized image;
a memory unit adapted to store the resized image;
a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and
a second conversion unit adapted to convert the RGB image output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

37. (Currently amended) An image processing apparatus according to Claim 34 ~~36~~, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data ~~outputted by~~ output from said second conversion unit.

38. (Currently amended) An image processing apparatus according to Claim 35, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data ~~outputted by~~ output from said second conversion unit.

39. (Currently amended) An image processing apparatus according to Claim ~~34~~ 35, wherein the resized image is a YUV image.

40. (Currently Amended) An image processing apparatus for processing an inputted image, said apparatus comprising:

a first resizing unit adapted to resize the inputted image ~~to provide and~~ output a resized image;

a memory unit adapted to store the resized image;

a second resizing unit adapted to further resize the resized image stored in said memory unit ~~to provide and output~~ a further resized image;

a first conversion unit adapted to convert the further resized image into an RGB image;

a second conversion unit adapted to convert the RGB image into a plurality of serial data; and

a third conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor.

41. (Previously presented) An image processing apparatus according to Claim 40, wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

42. (Currently amended) An image processing apparatus according to Claim 40, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data ~~outputted by~~ output from said second conversion unit.

43. (Previously presented) An image processing apparatus according to Claim 40, wherein the inputted image is a YUV image.

44. (Currently amended) An image processing apparatus according to Claim 40, further comprising:

an image capture unit adapted to capture the inputted image; and

a display unit adapted to display an RGB image using the plurality of serial data ~~outputted by~~ output from said second conversion unit.

Claim 45 (Canceled).

46. (Currently Amended) An image processing apparatus ~~according to Claim 45, comprising:~~

an image capture unit adapted to capture an image;

a resizing unit adapted to resize the captured image and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor; and

a second conversion unit adapted to convert the image for the TV monitor output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert ~~the converted resized image outputted by said first conversion unit~~ for the TV monitor into two or four serial data.

47. (Currently amended) An image processing apparatus according to Claim ~~45~~ 46, wherein the resized image is a YUV image.

Claims 48 and 49 (Cancelled).

50. (Currently Amended) An image processing apparatus according to Claim 49, further comprising:

an image capture unit adapted to capture an image;

a first resizing unit adapted to resize the captured image and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image;

a second resizing unit adapted to resize the RGB and output the RGB image serially; and

a second conversion unit adapted to convert the RGB image into dot sequential data before the RGB image is resized by said second resizing unit.

51. (Currently Amended) An image processing apparatus according to Claim 49 50, further comprising:

a display unit adapted to display the resized RGB image ~~outputted~~ output from said second resizing unit.

52. (Currently amended) An image processing apparatus according to Claim 49 50, wherein the resized image is a YUV image.

Claims 53 and 54 (Cancelled).

55. (Currently Amended) An image processing apparatus according to Claim ~~49~~ 50, further comprising:

a third conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor.

56. (Currently Amended) An image processing apparatus for processing an inputted image, said apparatus comprising:

a resizing unit adapted to resize the inputted image ~~to provide~~ and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and

a second conversion unit adapted to convert the RGB image ~~outputted by~~ output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

57. (Currently Amended) An image processing apparatus for processing an inputted image, said apparatus comprising:

- a resizing unit adapted to resize the inputted image ~~to provide~~ and output a resized image;
- a memory unit adapted to store the resized image;
- a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and
- a second conversion unit adapted to convert the RGB image ~~outputted by~~ output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

58. (Currently Amended) An image processing apparatus for processing an inputted image, said apparatus comprising:

- a resizing unit adapted to resize the inputted image ~~to provide~~ and output a resized image;
- a memory unit adapted to store the resized image;
- a first conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor; and

a second conversion unit adapted to convert the ~~converted-resized~~ image ~~outputted by~~ for the TV monitor output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the ~~converted-resized~~ image ~~outputted by said first conversion unit~~ for the TV monitor into two or four serial data.

59. (Previously Presented) An image processing apparatus for processing an inputted image, said apparatus comprising:

a first resizing unit adapted to resize the inputted image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image;

a second resizing unit adapted to resize the RGB image and output the resized RGB image serially; and

a second conversion unit adapted to convert the RGB image into dot sequential data before the RGB image is resized by said second resizing unit.

60. (New) An image processing apparatus according to Claim 36, wherein the resized image is a YUV image.

61. (New) An image processing apparatus according to Claim 56,
further comprising:

a display unit adapted to display an RGB image using the plurality of serial
data output from said second conversion unit.

62. (New) An image processing apparatus according to Claim 56,
wherein the resized image is a YUV image.

63. (New) An image processing apparatus according to Claim 57,
further comprising:
a display unit adapted to display an RGB image using the plurality of serial
data output from said second conversion unit.

64. (New) An image processing apparatus according to Claim 57,
wherein the resized image is a YUV image.

65. (New) An image processing apparatus according to Claim 58,
wherein the resized image is a YUV image.

66. (New) An image processing apparatus according to Claim 59,
further comprising:
a display unit adapted to display the resized RGB image output from said
second resizing unit.

67. (New) An image processing apparatus according to Claim 59,
wherein the resized image is a YUV image.

68. (New) An image processing apparatus according to Claim 59,
further comprising:
a third conversion unit adapted to convert the resized image stored in said
memory unit into an image for a TV monitor.